

Mouse anti-Human IL3RA / CD123 Monoclonal Antibody | anti-IL3RA antibody

Mouse Monoclonal [clone 10B8E7] (IgG1) to Human IL3RA / CD123

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA12372	Mouse	Human	Immunohistochemistry, Immunocytochemistry, Western Blot, Flow Cytometry, Functional Assay, ELISA

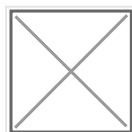
PRODUCT SYNONYMS

IL3RA / CD123; Monoclonal Antibody; Mouse Monoclonal [clone 10B8E7] (IgG1) to Human IL3RA / CD123; Anti-IL3RA / CD123 Antibody (aa200-305; clone 10B8E7) IHC-plus; IL3RA; CD123 antigen; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL3R; IL3RY; CD123; HIL-3Ra; IL-3R-alpha; IL-3RA; IL3RAY; IL3RX; Human IL3RA; anti-IL3RA antibody

PRODUCT SPECIFICATIONS

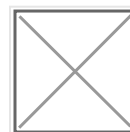
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	10B8E7
Specificity	Human IL3RA / CD123
Purity/Purification	Ascites
Form/Format	Ascites, 0.03% sodium azide
Sequence Length	378
Applicable Applications for anti-IL3RA antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot), FCM/FACS (Flow Cytometry), ELISA
Application Notes	ELISA (1:10000), Flo, ICC (1:200 - 1:1000), IHC-P (10 ug/ml), WB (1:500 - 1:2000)
Target Species	Human
Immunogen Description	Purified recombinant fragment of human IL3RA (AA: 200-305)
Immunogen Type	Recombinant protein
Immunogen	IL3RA / CD123 antibody was raised against purified recombinant fragment of human IL3RA (AA: 200-305)
Antigen Modification	aa200-305
Preparation and Storage	Short term +4 degree C; Long term -20 degree C

IMAGES



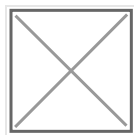
ELISA

Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);

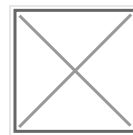


WB (Western Blot)

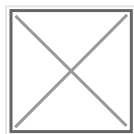
Western blot of IL3RA mAb against human IL3RA recombinant protein. (Expected MW is 38.3 kDa)

**WB (Western Blot)**

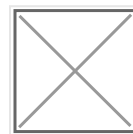
Western blot of IL3RA mAb against HEK293 (1) and IL3RA (AA: 200-305)-hlgGfc transfected HEK293 (2) cell lysate.

**FCM (Flow Cytometry)**

Flow cytometry of Hela cells using IL3RA mouse mAb (green) and negative control (red).

**ICC (Immunocytochemistry)**

Immunofluorescence analysis of Hela cells using IL3RA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

**IHC (Immunohistochemistry)**

Anti-IL3RA / CD123 antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL3RA antibody

Family: [Interleukin](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13324710
NCBI GeneID	3563
NCBI Accession #	NP_002174.1
NCBI GenBank Nucleotide #	NM_002183.3
UniProt Accession #	P26951 ; Q5HYQ7 ; Q5HYQ8 ; Q9UEH7 ; A8K3F3 ; B9VI81
Molecular Weight	34,466 Da
NCBI Official Full Name	interleukin-3 receptor subunit alpha isoform 1
NCBI Official Synonym Full Names	interleukin 3 receptor, alpha (low affinity)
NCBI Official Symbol	IL3RA
NCBI Official Synonym Symbols	IL3R; CD123; IL3RX; IL3RY; IL3RAY; hIL-3Ra
NCBI Protein Information	interleukin-3 receptor subunit alpha; IL-3RA; IL-3R-alpha; CD123 antigen; IL-3R subunit alpha; IL-3 receptor subunit alpha; IL-3 receptor alpha SP2 isoform
UniProt Protein Name	Interleukin-3 receptor subunit alpha
UniProt Gene Name	IL3RA
UniProt Synonym Gene Names	IL3R; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha; IL-3RA
UniProt Entry Name	IL3RA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/il3ra-cd123-antibody-clone-10b8e7-immunohistochemistry-immunocytochemistry-western-blot-flow-cytometry-elisa/12372>